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[Continued on next page]

(54) Title: RTVP-GLIPR-LIKE COMPOSITIONS AND METHODS FOR THE DETECTION, TREATMENT AND PREVENTION OF PROSTATE CANCER

RTVP-1 and RGL1a, RGL1ß protein compare

RTVP-1	MRVTLATIAHMVSPVSHYSHTANILPDIENEDFIKDCVRIHNKFRSEVKPTASDMLYHTW
RGL	MALKNKPSCLWILGLCLVATTSSKIPSITOPHFIDNCIBAHNEWRGKVNPPAADMKYMIW
RGLβ	MALKNKPSCLWILGLCLVATTSSKIPSITDPHFIDNCIBAHNEWRGKVNPPAADMKYMIW
RTVP-1	1 DPALAQIAKAWASKCQFSHMTRLKPPHKLHPNFTSLGENIWTGSVPIFSVSSAITNWYDE
RGLa	DKGLARMAKAWANQCKFEHNDCLDKSYKCYAAFEYVGENIWLGGIKSFTPRHAITAWYNE
RGL β	DKGLARMAKAWANQCKFEHNDCLDKSYKCYAAFEYVGENIWLGGIRSFTPRHAITAWYNE
RTVP-1	IQDYDFKTRICKKVCGHYTQVVWADSYKVGCAVQFCPKVSGFDALSNGAHFICNYGPGGN
RGLa	TQFYDFDSLSCSRVCGHYTQLVWANSFYVGCAVAMCPNLGGASTALFVCNTGPAGN
RGLB	TQFYDFDSLSCSRV CGHTTQL VWANSFYVGCAVANCPNLGGAST ALFVCNTGPAG N
RTVP-1	YPTW-PYRRGATCSACPNNDKCLDNLCVNRQRDQVK-RYYSVVY
RGLœ	FANNPPYVRGESCSLCSKEEKCVKNLCKNPFLKPTGRAPQQTAFNPFSLGF
RGLB	Fanmppyvrgescsicskeekcvknicrtpqliipnqnpflkptgrapqqtapnpfsigp
RTVP	PGMPIYPRNRYTSLFLIVNSVILILSVIITILVQLKYPNLVLLD .:
RGL	LLLRIF (SEQ ID NO: 2)
RGL B	LLLRIF (SEO ID NO: 4)

signal peptide SCP-domain(sig1,sig2) Caveolin biding site TM-domain MQVILAVIVWM VCGHYTQVVWAD YNETQFYDF YTSLFLIVNSVILILSVIITILV

(57) Abstract: The invention is directed to purified and isolated novel RGL polypeptides, the nucleic acids encoding such polypeptides, processes for production of recombinant forms of such polypeptides, antibodies generated against these polypeptides, fragmented peptides derived from these polypeptides, and the uses of the above.

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